

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079630.D
 Acq On : 06 Aug 2024 18:33
 Operator : RP/MD
 Sample : P3374-21
 Misc : 6.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

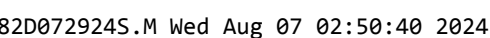
Quant Time: Aug 07 02:50:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

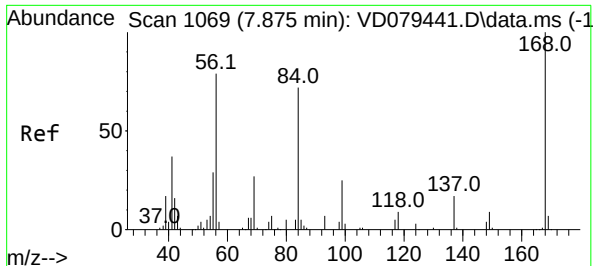
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	192520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	371395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	100978	51.629	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.260%	
35) Dibromofluoromethane	7.805	113	112607	44.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.600%	
50) Toluene-d8	10.269	98	409262	41.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.840%	
62) 4-Bromofluorobenzene	12.569	95	104033	36.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	257	Below Cal	#	1
11) Tert butyl alcohol	5.081	59	91	Below Cal	#	86
13) Acrolein	3.793	56	58	Below Cal	#	15
16) Acetone	4.022	43	390	1.026	ug/l #	37
20) Methylene Chloride	4.793	84	24712	Below Cal		90
31) Cyclohexane	7.875	56	4575	1.408	ug/l #	31
36) 1,1-Dichloropropene	7.875	75	14771	4.305	ug/l #	47
38) Carbon Tetrachloride	7.869	117	19272	5.343	ug/l #	16
73) Isopropylbenzene	12.575	105	184	3.644	ug/l #	48
76) 1,2,3-Trichloropropane	12.575	75	53190	43.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	53190	83.655	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.210	105	177	3.447	ug/l #	29
89) n-Butylbenzene	13.516	91	483	3.832	ug/l #	34

(#) = qualifier out of range (m) = manual integration (+) = signals summed

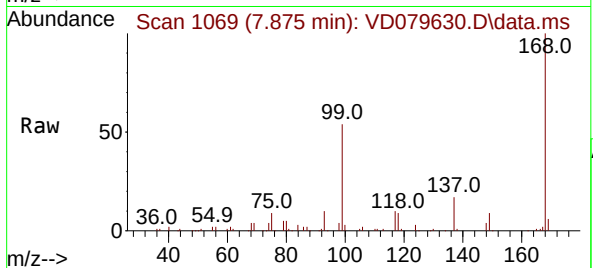
Quant Time: Aug 07 02:50:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



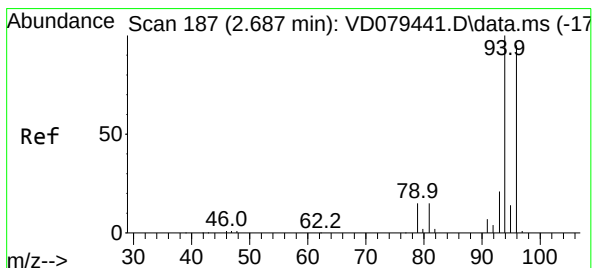
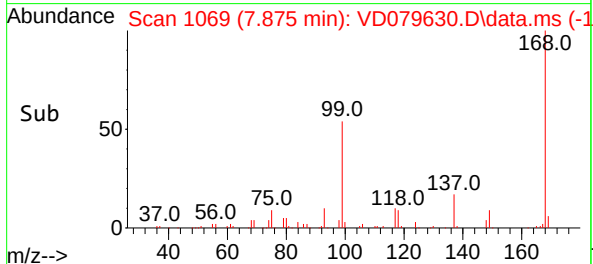
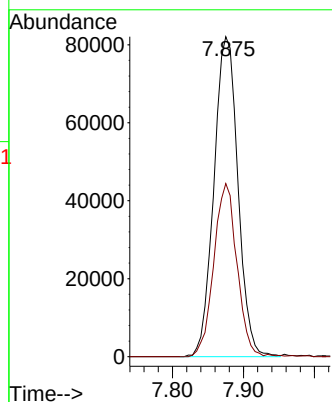


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

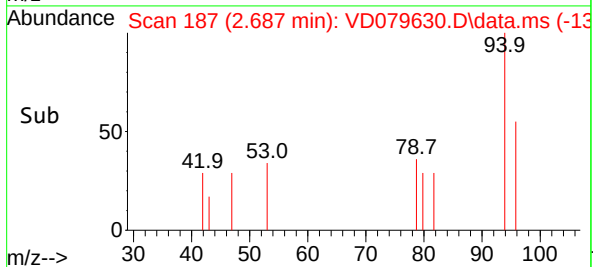
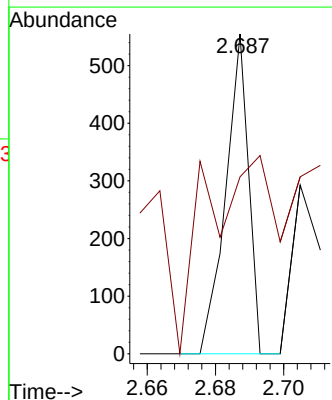
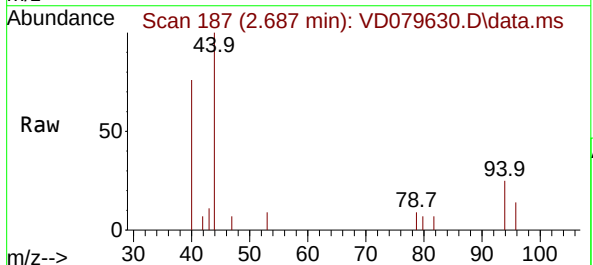


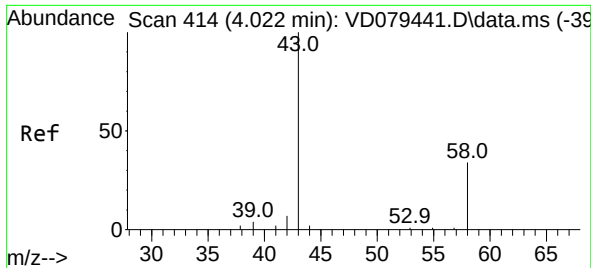
Tgt Ion:168 Resp: 192520
Ion Ratio Lower Upper
168 100
99 54.1 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Tgt Ion: 94 Resp: 257
Ion Ratio Lower Upper
94 100
96 276.7 76.9 115.3#

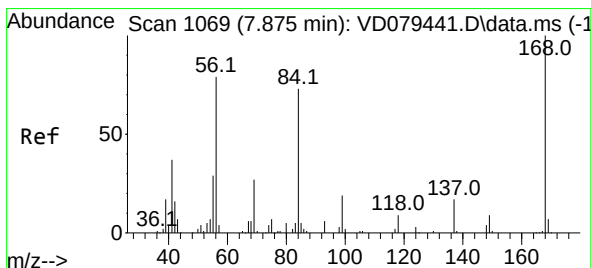
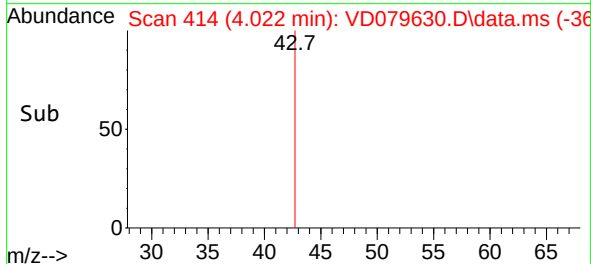
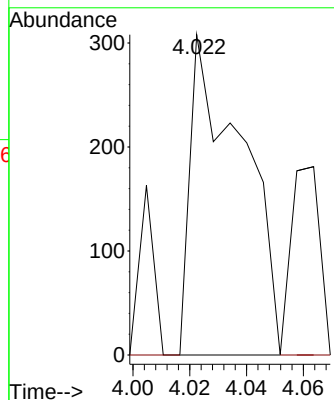
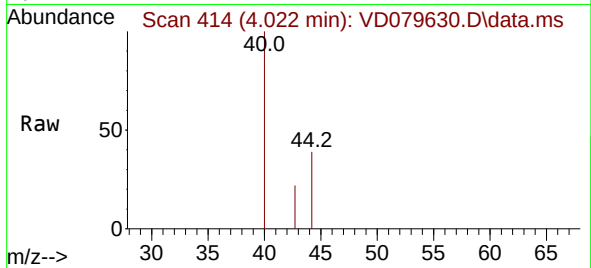




#16
Acetone
Concen: 1.026 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

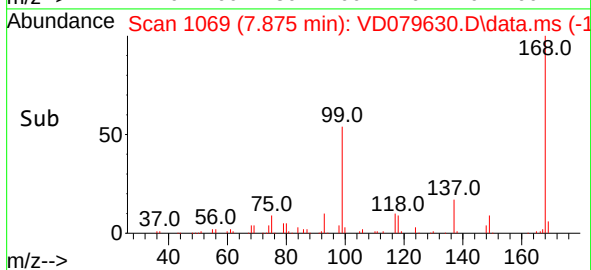
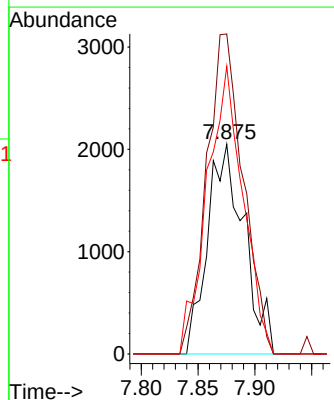
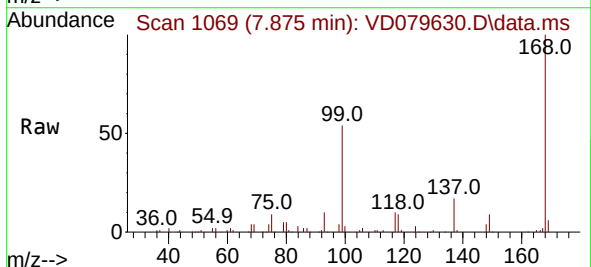
Instrument :
MSVOA_D
ClientSampleId :

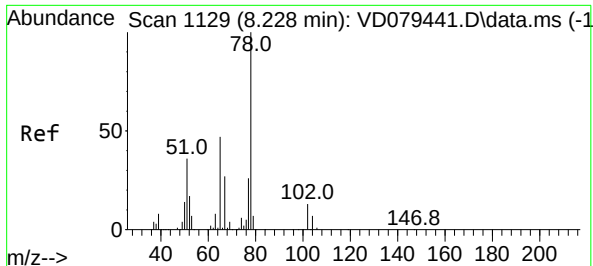
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Tgt Ion: 56 Resp: 4575
Ion Ratio Lower Upper
56 100
69 152.5 28.0 42.0#
84 137.1 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 51.629 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

Instrument :

MSVOA_D

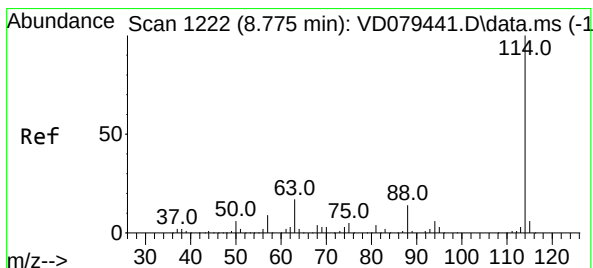
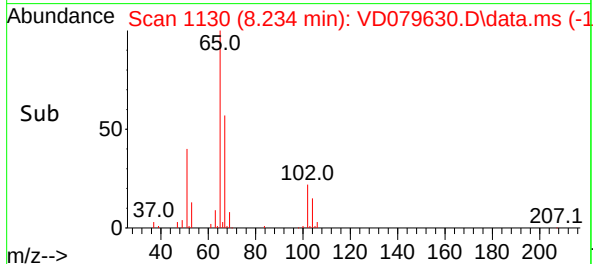
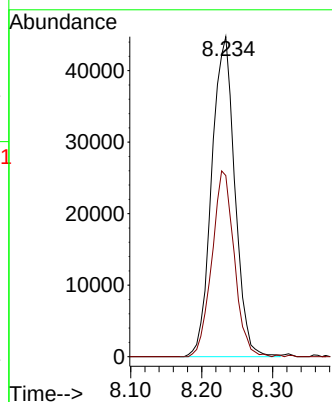
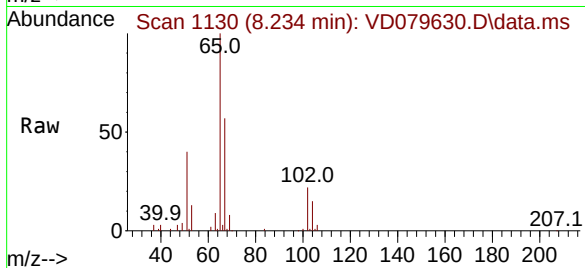
ClientSampleId :

Tgt Ion: 65 Resp: 100978

Ion Ratio Lower Upper

65 100

67 56.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

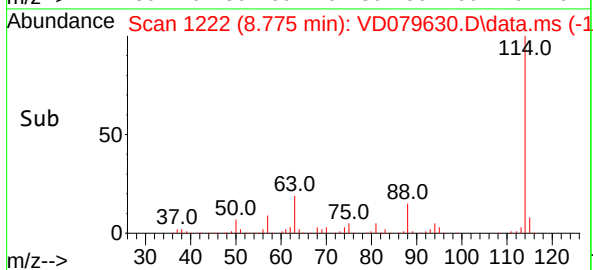
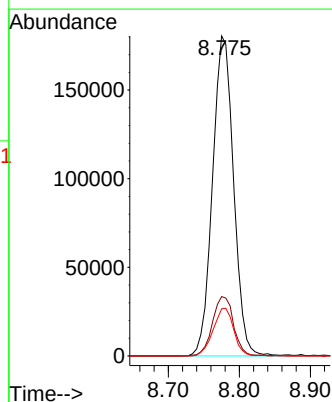
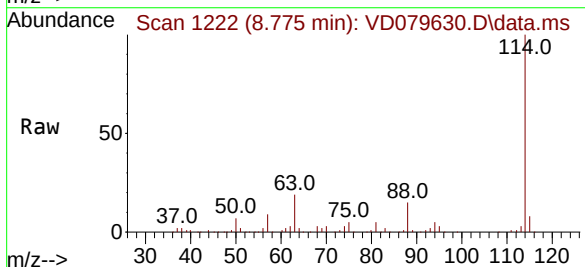
Tgt Ion: 114 Resp: 371395

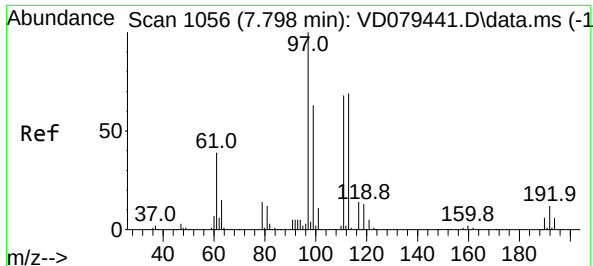
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 44.796 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

Instrument :

MSVOA_D

ClientSampleId :

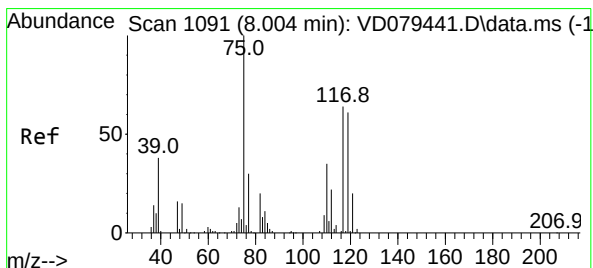
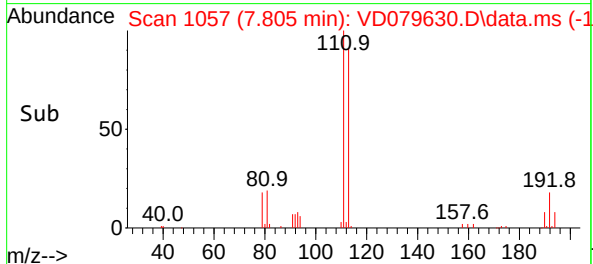
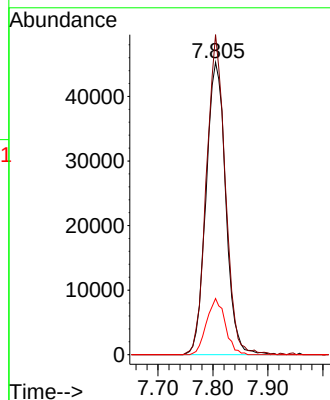
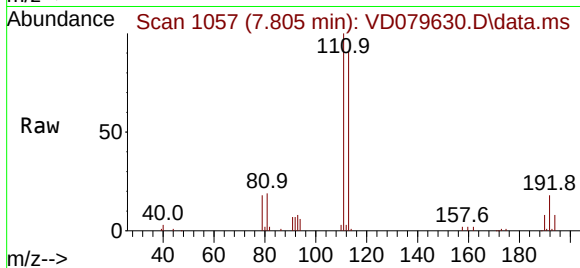
Tgt Ion:113 Resp: 112607

Ion Ratio Lower Upper

113 100

111 104.9 84.0 126.0

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.305 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD079630.D

Acq: 06 Aug 2024 18:33

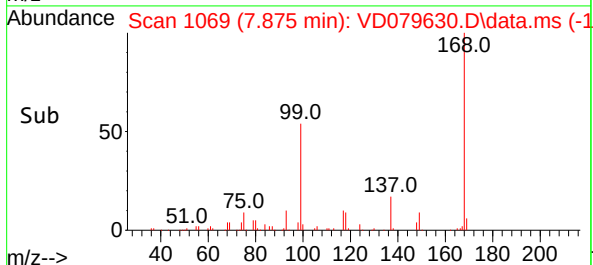
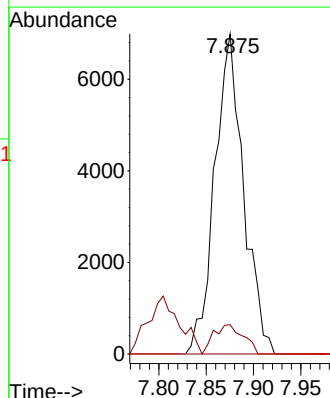
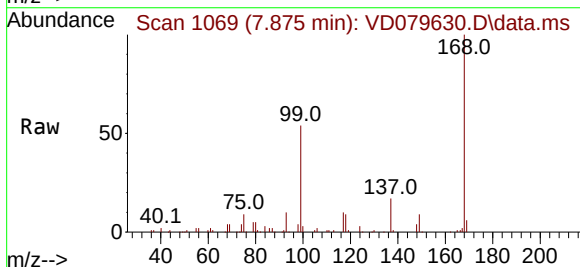
Tgt Ion: 75 Resp: 14771

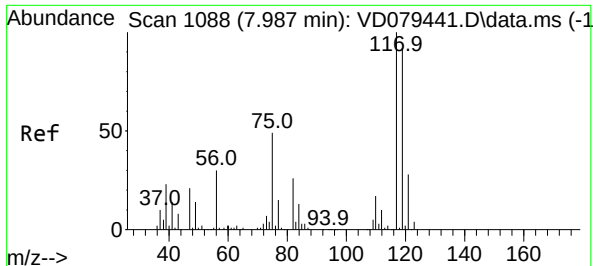
Ion Ratio Lower Upper

75 100

110 9.4 19.6 58.7#

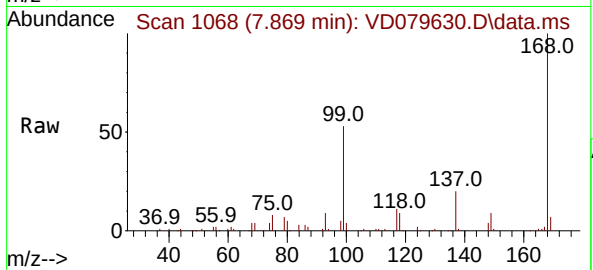
77 0.0 26.1 39.1#



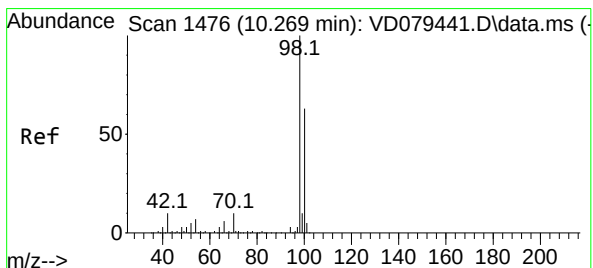
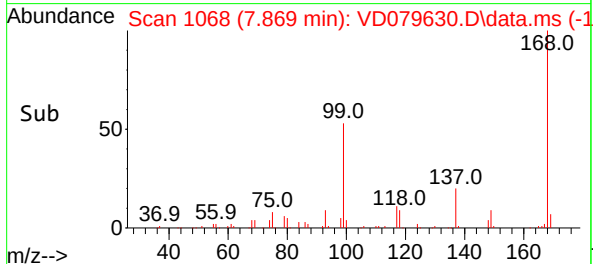
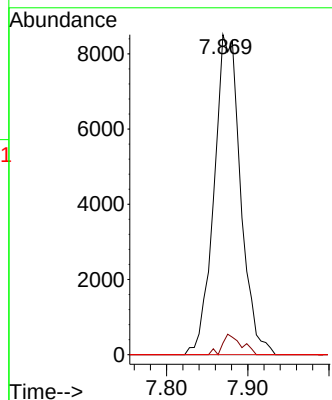


#38
Carbon Tetrachloride
Concen: 5.343 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

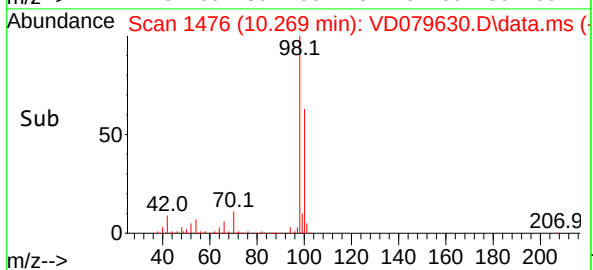
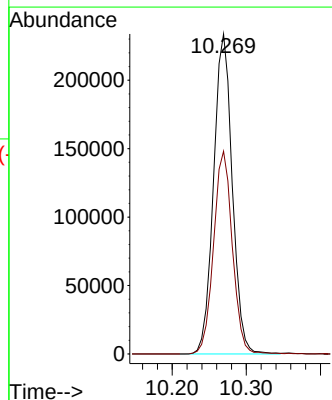
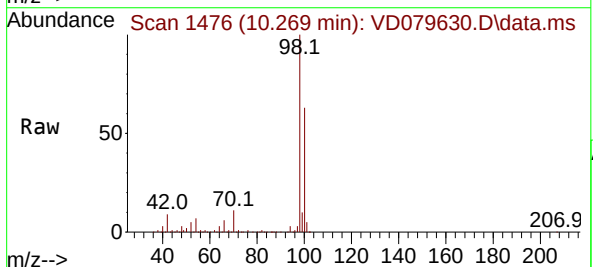


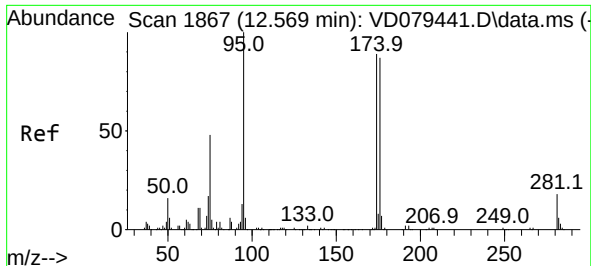
Tgt Ion:117 Resp: 19272
Ion Ratio Lower Upper
117 100
119 3.6 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 41.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Tgt Ion: 98 Resp: 409262
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

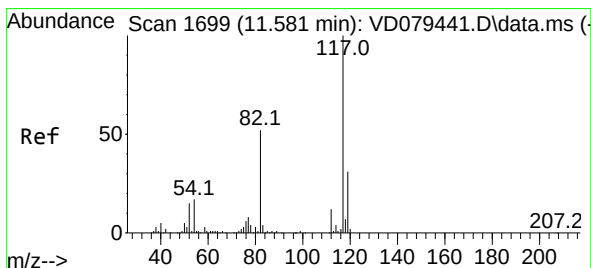
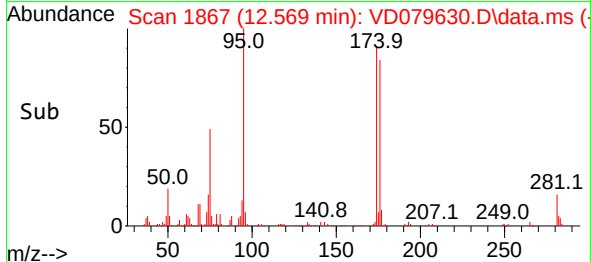
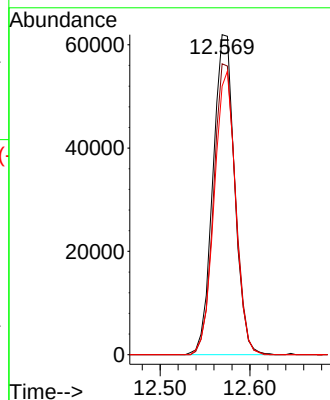
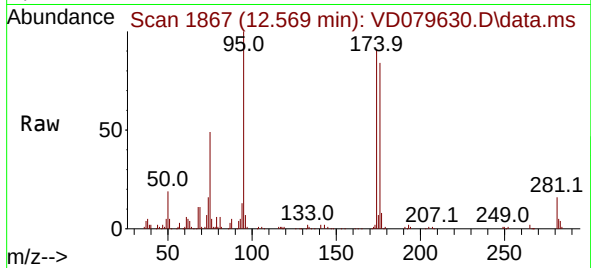




#62
4-Bromofluorobenzene
Concen: 36.827 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

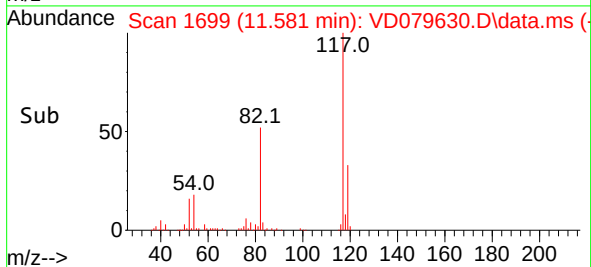
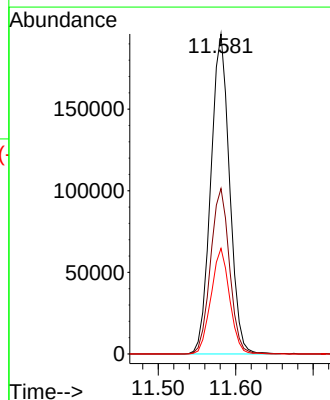
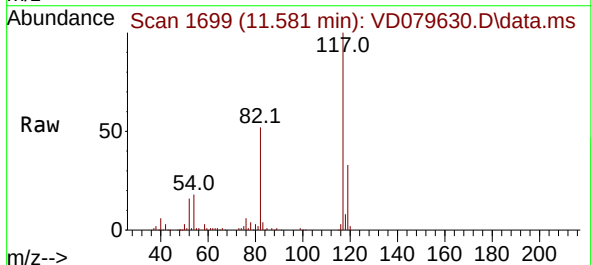
Instrument :
MSVOA_D
ClientSampleId :

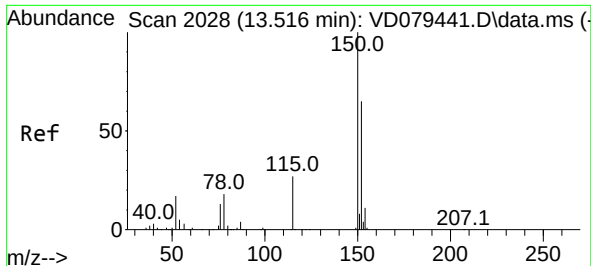
Tgt Ion: 95 Resp: 104033
Ion Ratio Lower Upper
95 100
174 91.4 0.0 195.4
176 87.1 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

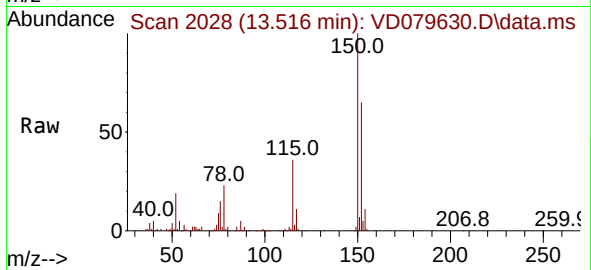
Tgt Ion: 117 Resp: 328959
Ion Ratio Lower Upper
117 100
82 51.7 39.8 59.6
119 33.0 25.7 38.5



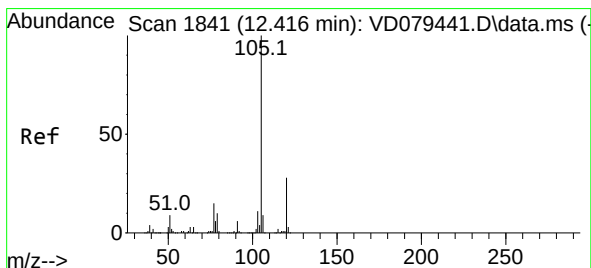
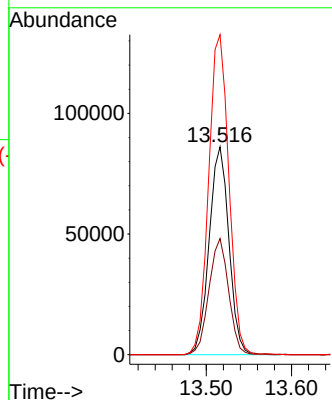
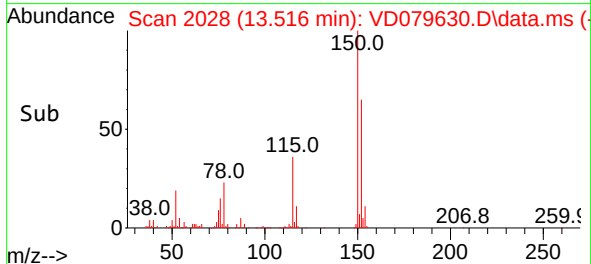


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.006 min
 Lab File: VD079630.D
 Acq: 06 Aug 2024 18:33

Instrument :
 MSVOA_D
 ClientSampleId :

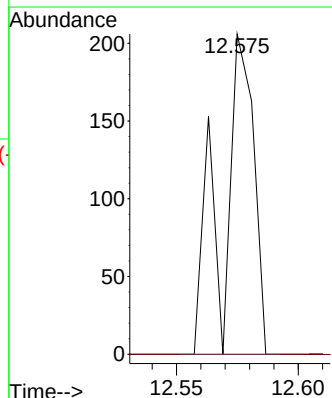
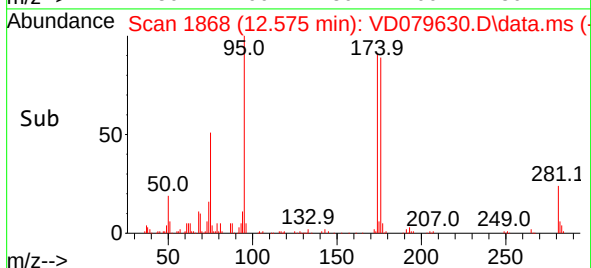
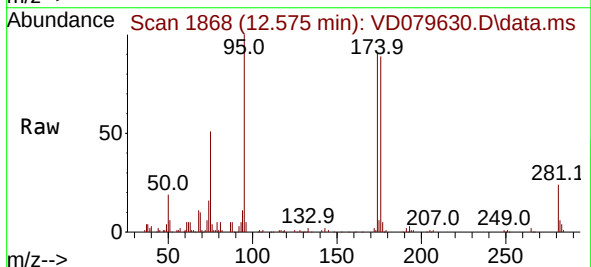


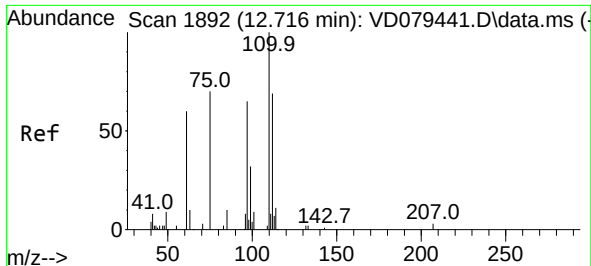
Tgt Ion:152 Resp: 138736
 Ion Ratio Lower Upper
 152 100
 115 55.7 26.5 79.5
 150 156.9 0.0 341.6



#73
 Isopropylbenzene
 Concen: 3.644 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.159 min
 Lab File: VD079630.D
 Acq: 06 Aug 2024 18:33

Tgt Ion:105 Resp: 184
 Ion Ratio Lower Upper
 105 100
 120 0.0 13.6 40.7#

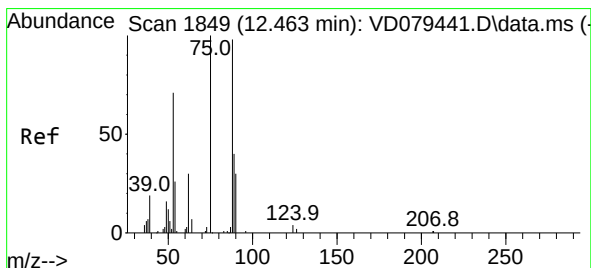
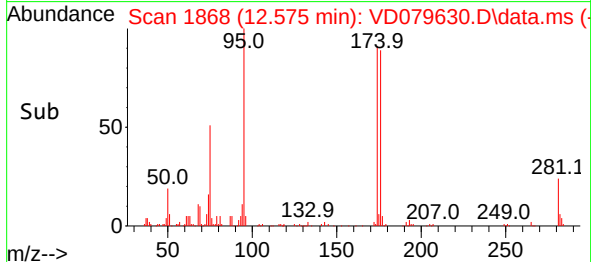
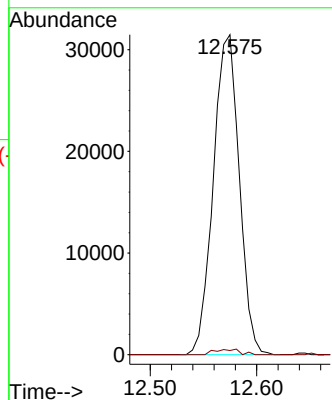
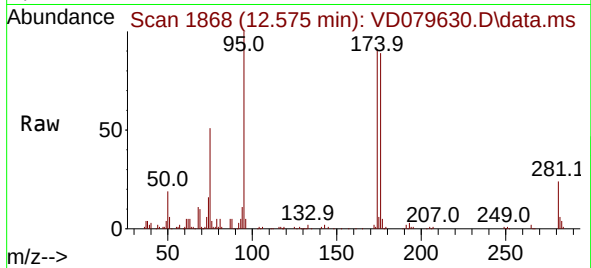




#76
1,2,3-Trichloropropane
Concen: 43.861 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

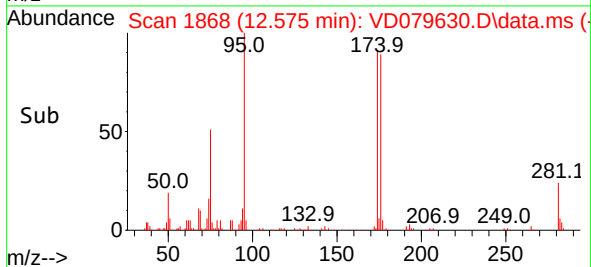
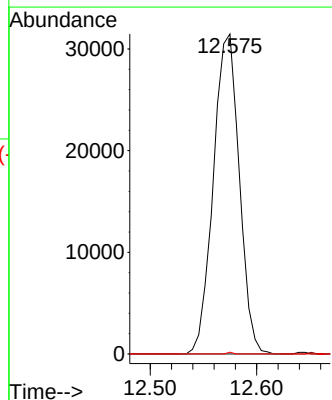
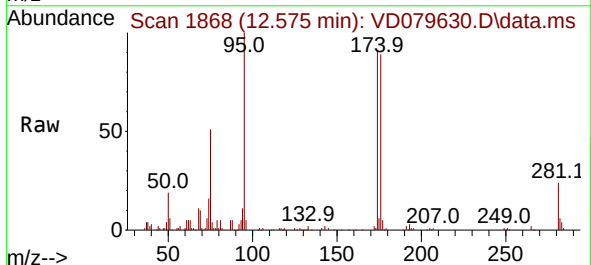
Instrument :
MSVOA_D
ClientSampleId :

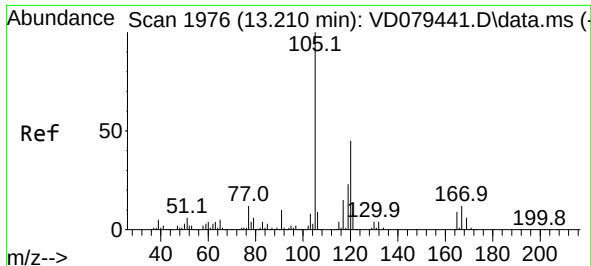
Tgt Ion: 75 Resp: 53190
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.655 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Tgt Ion: 75 Resp: 53190
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.1 35.4 53.0#

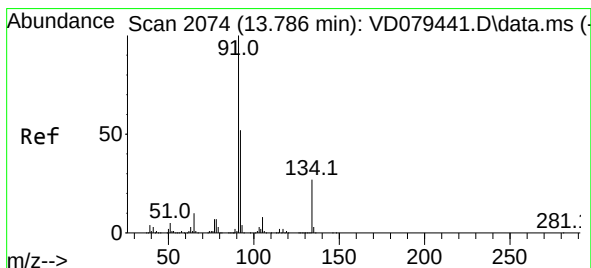
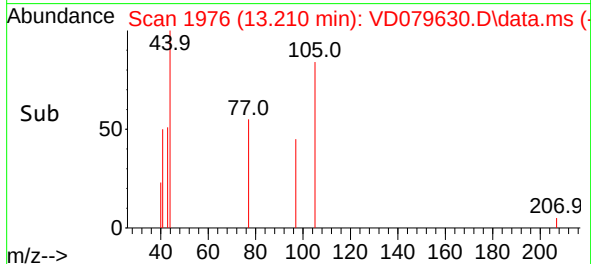
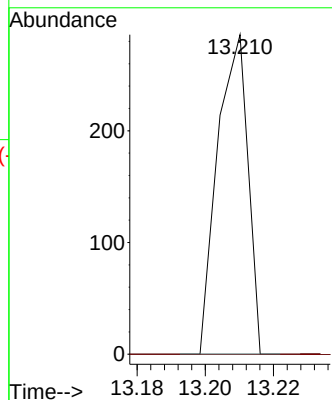
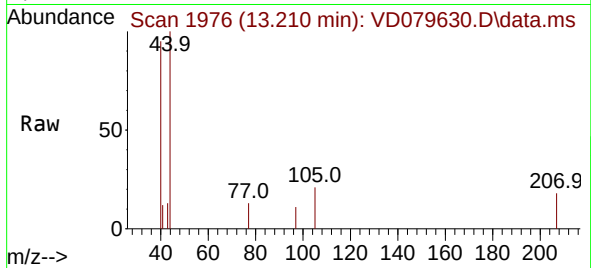




#84
1,2,4-Trimethylbenzene
Concen: 3.447 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 177
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#89
n-Butylbenzene
Concen: 3.832 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.265 min
Lab File: VD079630.D
Acq: 06 Aug 2024 18:33

Tgt Ion: 91 Resp: 483
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

